

To: louis.brzuzy@shell.com[louis.brzuzy@shell.com];
Greg.Horner@shell.com[Greg.Horner@shell.com]; Heather.Ptak@shell.com[Heather.Ptak@shell.com]
Cc: Cope, Ben[Cope.Ben@epa.gov]; Seyfried, Erin[Seyfried.Erin@epa.gov]; Cool,
Richard[Cool.Richard@epa.gov]; Mayers, Timothy[Mayers.Timothy@epa.gov]; Latier,
Andrea[Latier.Andrea@epa.gov]
From: Shaw, Hanh
Sent: Wed 10/22/2014 7:39:22 PM
Subject: RE: MLC ROV Model Comparison
Tt Mudline Cellar Modeling Review draft August 12 2014 HS rev.pdf



Attachment Withheld Pending CBI Determination

Louis,

Attached is a draft Technical Memorandum summarizing Tetra Tech's review of the Shell model. Please note the date of the review was in August, and does not include review of the subsequent submission by Shell of the complete model report on October 6, 2014.

I hope this memo provides sufficient details describing our efforts to verify Shell's estimates.

Hanh

From: louis.brzuzy@shell.com [mailto:louis.brzuzy@shell.com]
Sent: Wednesday, October 22, 2014 8:58 AM
To: Shaw, Hanh; Greg.Horner@shell.com; Heather.Ptak@shell.com
Cc: Cope, Ben; Seyfried, Erin; Cool, Richard; Mayers, Timothy; Latier, Andrea
Subject: RE: MLC ROV Model Comparison

Thanks Hanh,

Can you provide the full modeling report so that we can do a 1:1 comparison of all the input parameters?

Thanks

Louis

Louis Brzuzy

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From: Shaw, Hanh [<mailto:Shaw.Hanh@epa.gov>]

Sent: Wednesday, October 22, 2014 7:18 AM

To: Horner, Greg J SEPCO-UAA/A/SR; Brzuzy, Louis P SEPCO-UAA/A/SS; Ptak, Heather A SEPCO-UAA/H/E

Cc: Cope, Ben; Seyfried, Erin; Cool, Richard; Mayers, Timothy; Latier, Andrea

Subject: MLC ROV Model Comparison

As discussed during the October 9 meeting, EPA has several questions and concerns regarding the OOC Version 3.0 model used by Shell to estimate deposition by the MLC ROV system. The attached file includes a comparison of the modeling results using the available Version 2.5 of the OOC.

EPA would like to have a conversation with you to discuss our questions and the comparison of results. Please let me know when you would like to schedule this meeting.

Thanks,

Hanh

Hanh Shaw, Manager

Oil, Gas and Energy Sector

U.S. EPA, Region 10

206-553-0171